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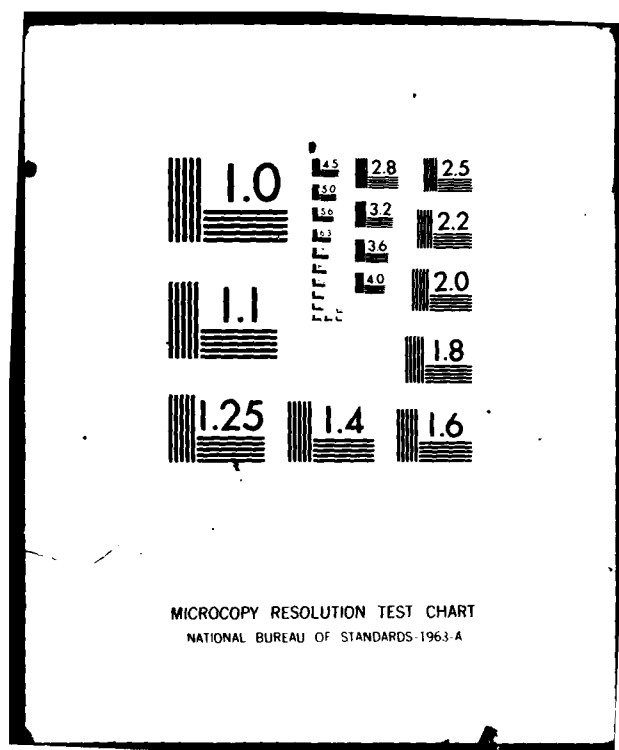
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# **3WW INDEX OF TECHNICAL PUBLICATIONS**

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**THIRD WEATHER WING  
OFFUTT AFB, NEBRASKA 68113**

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This technical report has been reviewed and is approved for publication.

FOR THE COMMANDER

*Michael T. Switters*  
MICHAEL T. SCHWITTERS, Lt Colonel, USAF  
Chief, Aerospace Sciences Division

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This Technical Index lists all current Technical Notes, Forecaster Memos and non-detachment TFRNs published by 3 WW Aerospace Sciences. This will be updated annually. Users may update this index when appropriate.		

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### 3WW TECHNICAL INDEX 81-001

This 3WW TI serves as an index to all 3WW technical publications. Each 3WW unit will maintain on file all 3WW Technical Notes (TN), Forecaster Memoranda (FM), and Terminal Forecast Reference Manuals (TFRN) which cover subjects applicable to their mission and their forecasting problems. This index will be annotated to indicate which publications are being maintained in the technical reference library.

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1. 3WW Technical Notes

a. Current 3WW Technical Notes:

3WW SSTN #4, A REVIEW OF JET STREAM AND MOUNTAIN WAVE CAT WITH SUGGESTED EVASIVE IN-FLIGHT TACTICS. 1 MARCH 1963. 8 pages (out of date, but contains some useful information).

3WW SSTN #7, THE USE OF DIURNAL TEMPERATURE AND DEW POINT CURVES. Stanley J. Kimball, Norman N. Richardson, and Dean H. Frey. 1 March 1964. (Reprinted, with revisions, 5WW TN 72-1) 22 pages.

3WW SSTN #11, CONVECTIVE CLEAR AIR TURBULENCE. Thomas E. Stanton. May 1965, 33 pages.

3WW ASTN #69-1, AN INVESTIGATION OF SPRING FOG AND STRATUS AT WURTSMITH AFB, MICHIGAN, Frank G. Johnson. January 1969, 33 pages.

3WW TN #69-3, SNOWSHOWER ACTIVITY IN THE UPPER GREAT LAKES. Frank G. Johnson, June 1969. (AD-690112) 90 pages.

3WW TN #69-4, AN EXPERIMENT IN UTILIZATION OF RELATIVE PROBABILITIES OF WEATHER CONDITIONS WHEN DETERIORATIONS OCCUR. Hugh E. Hanna, Jr. and David L. Nelson. 1 July 1969, 13 pages.

3WW TN #70-1, SYNOPTIC FEATURES ASSOCIATED WITH SNOW AT OFFUTT AFB, NEBRASKA. Frank G. Johnson, January 1970. AD-698835 13 pages.

3WW TN #70-3, AN INVESTIGATION OF FEBRUARY FOG AT MARCH AFB, CALIFORNIA. Frank G. Johnson, June 1970. Revised February 1972. (AD-738302) 43 pages.

3WW TN #71-2, AN OBJECTIVE TECHNIQUE FOR FORECASTING WINTER-TIME RADIATION FOG AT FAIRCHILD AFB, WASHINGTON. Dwayne N. Burgess and Darrell T. Holland. September 1971. (AD-729868) 10 pages.

3WW TN #71-3, THERMAL PARAMETERS AS A PREDICTION OF PRECIPITATION TYPE FOR LORING AFB, MAINE. Limon E. Fortner, Jr. and Dale G. Rogers. September 1971. (AD-735724) 20 pages.

3WW TN #71-5, AN EXPERIMENT IN ADDITIONAL STRATIFICATION OF CONDITIONAL CLIMATOLOGY SUMMARIES FOR SHORT-TERM FORECAST AIDS. Dale G. Rogers, November 1971. (AD-734036) 12 pages.

3WW TN #72-2, THERMAL PARAMETERS AS PREDICTOR OF PRECIPITATION TYPE FOR ELLSWORTH AFB, SOUTH DAKOTA. Dale G. Rogers and Limon E. Fortner, Jr., April 1972. (AD-753418) 19 pages.

3WW TN #73-1, SYNOPTIC FEATURES ASSOCIATED WITH MODERATE AND HEAVY SNOW FOR LORING AFB, MAINE. Limon E. Fortner, Jr. and Paul Mulder. February 1973. (AD-756881) 14 pages.



3WW TN #73-2, THERMAL PARAMETERS AS A PREDICTOR OF PRECIPITATION TYPE FOR CARSWELL AFB, TEXAS. Limon E. Fortner, Jr. and Billie E. Grubbs. April 1973. 14 pages.

3WW TN #73-3, USE OF FORECASTING STATISTICAL AIDS. Russell W. Reed. 1 September 1973. 11 pages.

3WW TN #73-4, THERMAL PARAMETERS AS PREDICTORS OF PRECIPITATION TYPE FOR GRAND FORKS AFB, NORTH DAKOTA. Russell W. Reed. 1 October 1973. (AD-768717) 19 pages.

3WW TN #73-5, SELECTED THERMAL PARAMETERS AS PREDICTORS OF PRECIPITATION TYPE FOR OFFUTT AFB, NEBRASKA. Russell W. Reed. 1 November 1973. (AD-770037) 12 pages.

3WW TN #75-2, LYLE STRATUS DISSIPATION STUDY -- FOR RANDOLPH AFB, TEXAS. Richard W. Lyle, USAFR, 1 November 1975. 8 pages.

3WW TN #75-3, WIND FORECASTING -- COLORADO SPRINGS AREA. Kenneth E. German & Robert C. Miller, 31 December 1975, 25 pages.

3WW TN #76-1, LOW LEVEL MOISTURE ADVECTION. Eugene M. Weber, 16 August 1976. (ADA-029002), 26 pages.

3WW TN #77-1, SPECIAL STUDY: AN INVESTIGATION OF LOW-LEVEL WINDS AS RELATED TO PARADROP OPERATIONS AT DYESS AFB, TEXAS. Carl A. Johnson, 19 May 1978. (ADA-054236), 11 pages.

3WW TN #77-2, CASE STUDY: A REPORT ON THE STORM SYSTEM OF 2 MARCH 77. Eugene M. Weber, 5 Nov 77. (ADA-047423), 42 pages.

3WW TN #78-1, SHORT WAVE FADEOUT (SWF) EQUIPMENT AND OPERATIONAL PROCEDURES. Kenneth E. Eis, 15 January 1977. (ADA-048963) 16 pages.

3WW TN 79-1, MOISTURE ADVECTION AND THE SANGSTER CHART, Carl A. Johnson, 18 June 1979, 46 pages.

3WW TN 79-2, MAJOR MIDWEST SNOWSTORMS. Eugene M. Weber, 8 August 1979, 104 pages.

3WW TN 80/002, COMMA CLOUD DEVELOPMENT related to major winter storms - two examples, Eugene M. Weber, 3 March 1980, 10 pages.

3WW TN 80-003, THE CHEYENNE TORNADO: A METSAT CASE STUDY, James C. St. John, 27 March 1980, 7 pages.

b. Deleted 3WW Technical Notes and Forecaster Memos:

3WW SSTN #1, RELATION BETWEEN GEOGRAPHICAL COORDINATES AND GWC GRID COORDINATES. 10 February 1962. (NWP) 6 pages.

3WW SSTN #8, ON COMPUTATION OF PITCH, ROLL, YAW, AND GEOGRAPHICAL COORDINATES OF ANY POINT ON A METEOROLOGICAL SATELLITE PHOTOGRAPH. Edwin E. Brown. 1 March 1964, 12 pages.

3WW SSTN #10, LOW LEVEL TURBULENCE NOMOGRAM. Thomas E. Stanton. 23 April 1965. OD 15 pages.

3WW SSTN #12, MOUNTAIN POTENTIAL. George K. Pickett and Thomas E. Stanton, May 1965. OD (NWP) 17 pages.

3WW ASTN #69-2, AN INVESTIGATION OF WINTER FOG AND STRATUS AT MC COY AFB, FLORIDA. Frank G. Johnson. February 1969, 29 pages.

3WW TN #69-5, FORECASTING MINIMUM CLOUDINESS AT DA NANG RVN, HANOI NVN, AND VINK NVN, DURING THE EARLY SW MONSOON SEASON USING UPPER LEVEL NORTHERN HEMISPHERE COMPOSITE MAPS. Hugh E. Hanna, Jr., September 1969. 37 pages.

3WW TN #70-2, TERMINAL FORECAST VERIFICATION. Ray T. Telfer and Randall C. Webb. February 1970. (AD-707498) OD 31 pages.

3WW TN #71-1, A SEMINAR ON: PERFORMANCE CHARACTERISTICS OF NMC'S OPERATIONAL NUMERICAL MODELS. Harry Brown. November 1970. OD 32 pages.

3WW TN #71-4, DESCRIPTION AND USE OF 3RD WEATHER WING ONSET-DURATION TABLES. David L. Bailey, October 1971. (AD-733583) 15 pages.

3WW TN #72-1, THERMAL PARAMETERS AS A PREDICTOR OF PRECIPITATION TYPE FOR KINCHELOE AFB, MICHIGAN. Limon E. Fortner, Jr. and Dale G. Rogers. February 1972. Revised February 1973. (AD-754927) 21 pages.

3WW TN #75-1, USE OF NATIONAL WEATHER SERVICE (NWS) PROGNOSTIC PRODUCTS. Russell W. Reed, 1 September 1975. 16 pages.

3WW TN #76-2, MAJOR SNOWSTORM DEVELOPMENT OVER THE MIDWEST UNITED STATES. Eugene M. Weber, 15 December 1976 (ADA-034656), 93 pages.

3WW TN 80/001 INDEX OF 3WW TECHNICAL NOTES AND FORECASTER MEMOS, James C. St. John, 2 January 1980. 6 pages.

2. 3WW Forecaster Memoranda

a. Current 3WW Forecast Memoranda:

3WW FM 80/001, SUMMARY OF RULES FOR WINTER PRECIPITATION FORECASTING. 18 June 1980.

3WW FM 80/002, DRIZZLE, 21 January 1980.

3WW FM 80/003, FREEZING PRECIPITATION, 23 January 1980.

3WW FM 80/004, SNOWSHOWER FORECASTING, 30 June 1980.

3WW FM 80/005, ATMOSPHERIC ELECTRICITY, 4 March 1980.

3WW FM 80/006, SPRING PATTERNS, 10 March 1980.

3WW FM 80/007, FORECASTER WORKSHEET, 27 March 1980.

3WW FM 80/008, SUMMER PATTERNS, 29 April 1980.

3WW FM 80/009, MESOSCALE SURFACE ANALYSIS OF THE 10 APRIL 1979 TORNADOES IN TEXAS, OKLAHOMA.

3WW FM 80/010, AUTUMN PATTERNS, 3 September 1980.

3WW FM 80/011, WINTER PATTERNS, 15 December 1980.

b. Deleted 3WW Forecast Memoranda: None.

3. 3WW Terminal Forecast Reference Notebooks.

a. Current 3WW TFRN:

3WW TFRN 80/001 Plattsburg AFB, NY.

b. Deleted 3WW TFRN: None.

